

0590  
0626

# 9



OIPE

## RAW SEQUENCE LISTING

DATE: 07/02/2002

PATENT APPLICATION: US/09/981,009B

TIME: 10:04:53

Input Set : A:\sequence project.ST25.txt

Output Set: N:\CRF3\07022002\I981009B.raw

3 <110> APPLICANT: Kjaerulff, Soren  
 4 Roggen, Erwin  
 6 <120> TITLE OF INVENTION: Transgenic Plants  
 8 <130> FILE REFERENCE: 10082.200-US  
 10 <140> CURRENT APPLICATION NUMBER: 09/981,009B  
 C--> 11 <141> CURRENT FILING DATE: 2002-06-14  
 13 <160> NUMBER OF SEQ ID NOS: 5  
 15 <170> SOFTWARE: PatentIn version 3.1  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 159  
 19 <212> TYPE: PRT  
 20 <213> ORGANISM: Betula pendula  
 22 <400> SEQUENCE: 1  
 24 Gly Val Phe Asn Tyr Glu Thr Glu Thr Thr Ser Val Ile Pro Ala Ala  
 25 1 5 10 15  
 28 Arg Leu Phe Lys Ala Phe Ile Leu Asp Gly Asp Asn Leu Phe Pro Lys  
 29 20 25 30  
 32 Val Ala Pro Gln Ala Ile Ser Ser Val Glu Asn Ile Glu Gly Asn Gly  
 33 35 40 45  
 36 Gly Pro Gly Thr Ile Lys Lys Ile Ser Phe Pro Glu Gly Phe Pro Phe  
 37 50 55 60  
 40 Lys Tyr Val Lys Asp Arg Val Asp Glu Val Asp His Thr Asn Phe Lys  
 41 65 70 75 80  
 44 Tyr Asn Tyr Ser Val Ile Glu Gly Gly Pro Ile Gly Asp Thr Leu Glu  
 45 85 90 95  
 48 Lys Ile Ser Asn Glu Ile Lys Ile Val Ala Thr Pro Asp Gly Gly Ser  
 49 100 105 110  
 52 Ile Leu Lys Ile Ser Asn Lys Tyr His Thr Lys Gly Asp His Glu Val  
 53 115 120 125  
 56 Lys Ala Glu Gln Val Lys Ala Ser Lys Glu Met Gly Glu Thr Leu Leu  
 57 130 135 140  
 60 Arg Ala Val Glu Ser Tyr Leu Leu Ala His Ser Asp Ala Tyr Asn  
 61 145 150 155  
 64 <210> SEQ ID NO: 2  
 65 <211> LENGTH: 5  
 66 <212> TYPE: PRT  
 67 <213> ORGANISM: Artificial Sequence  
 69 <220> FEATURE:  
 70 <223> OTHER INFORMATION: Synthetic  
 72 <220> FEATURE:  
 73 <221> NAME/KEY: Misc\_feature  
 74 <222> LOCATION: (4)..(4)  
 75 <223> OTHER INFORMATION: Xaa denotes any amino acid

ENTERED

## RAW SEQUENCE LISTING

DATE: 07/02/2002

PATENT APPLICATION: US/09/981,009B

TIME: 10:04:53

Input Set : A:\sequence project.ST25.txt

Output Set: N:\CRF3\07022002\I981009B.raw

78 &lt;400&gt; SEQUENCE: 2

WLS&gt; 80 Ala Arg Arg Xaa Arg

81 1 5

84 &lt;210&gt; SEQ ID NO: 3

85 &lt;211&gt; LENGTH: 4

86 &lt;212&gt; TYPE: PRT

87 &lt;213&gt; ORGANISM: Artificial Sequence

89 &lt;220&gt; FEATURE:

90 &lt;223&gt; OTHER INFORMATION: Synthetic

92 &lt;220&gt; FEATURE:

93 &lt;221&gt; NAME/KEY: Misc\_feature

94 &lt;222&gt; LOCATION: (3)..(3)

95 &lt;223&gt; OTHER INFORMATION: Xaa denotes any amino acid

98 &lt;400&gt; SEQUENCE: 3

WLS&gt; 100 Arg Arg Xaa Ser

101 1

104 &lt;210&gt; SEQ ID NO: 4

105 &lt;211&gt; LENGTH: 5

106 &lt;212&gt; TYPE: PRT

107 &lt;213&gt; ORGANISM: Artificial Sequence

109 &lt;220&gt; FEATURE:

110 &lt;223&gt; OTHER INFORMATION: Synthetic

112 &lt;220&gt; FEATURE:

113 &lt;221&gt; NAME/KEY: Misc\_feature

114 &lt;222&gt; LOCATION: (3)..(3)

115 &lt;223&gt; OTHER INFORMATION: Xaa denotes any amino acid

118 &lt;220&gt; FEATURE:

119 &lt;221&gt; NAME/KEY: Misc\_feature

120 &lt;222&gt; LOCATION: (4)..(4)

121 &lt;223&gt; OTHER INFORMATION: Xaa denotes any amino acid

124 &lt;400&gt; SEQUENCE: 4

WLS&gt; 126 Arg Arg Xaa Xaa Ser

127 1 5

130 &lt;210&gt; SEQ ID NO: 5

131 &lt;211&gt; LENGTH: 9

132 &lt;212&gt; TYPE: PRT

133 &lt;213&gt; ORGANISM: Artificial Sequence

135 &lt;220&gt; FEATURE:

136 &lt;223&gt; OTHER INFORMATION: Synthetic

138 &lt;220&gt; FEATURE:

139 &lt;221&gt; NAME/KEY: Misc\_feature

140 &lt;222&gt; LOCATION: (1)..(1)

141 &lt;223&gt; OTHER INFORMATION: Xaa denotes Lys or Arg

144 &lt;220&gt; FEATURE:

145 &lt;221&gt; NAME/KEY: Misc\_feature

146 &lt;222&gt; LOCATION: (2)..(2)

147 &lt;223&gt; OTHER INFORMATION: Xaa denotes any amino acid

150 &lt;220&gt; FEATURE:

151 &lt;221&gt; NAME/KEY: Misc\_feature

## RAW SEQUENCE LISTING

DATE: 07/02/2002

PATENT APPLICATION: US/09/981,009B

TIME: 10:04:53

Input Set : A:\sequence project.ST25.txt

Output Set: N:\CRF3\07022002\I981009B.raw

152 <222> LOCATION: (3)..(3)  
153 <223> OTHER INFORMATION: Xaa denotes any amino acid  
156 <220> FEATURE:  
157 <221> NAME/KEY: Misc\_feature  
158 <222> LOCATION: (4)..(4)  
159 <223> OTHER INFORMATION: Xaa denotes any amino acid  
162 <220> FEATURE:  
163 <221> NAME/KEY: Misc\_feature  
164 <222> LOCATION: (5)..(5)  
165 <223> OTHER INFORMATION: Xaa denotes Asp or Glu  
168 <220> FEATURE:  
169 <221> NAME/KEY: Misc\_feature  
170 <222> LOCATION: (6)..(6)  
171 <223> OTHER INFORMATION: Xaa denotes any amino acid  
174 <220> FEATURE:  
175 <221> NAME/KEY: Misc\_feature  
176 <222> LOCATION: (7)..(7)  
177 <223> OTHER INFORMATION: Xaa denotes any amino acid  
180 <220> FEATURE:  
181 <221> NAME/KEY: Misc\_feature  
182 <222> LOCATION: (8)..(8)  
183 <223> OTHER INFORMATION: Xaa denotes any amino acid  
186 <400> SEQUENCE: 5  
188 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr  
189 1 5

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 07/02/2002  
PATENT APPLICATION: US/09/981,009B      TIME: 10:04:54

Input Set : A:\sequence project.ST25.txt  
Output Set: N:\CRF3\07022002\I981009B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 4  
Seq#:3; Xaa Pos. 3  
Seq#:4; Xaa Pos. 3,4  
Seq#:5; Xaa Pos. 1,2,3,4,5,6,7,8